

~~CLAIMS 1-27 CANCELLED~~

28. (Currently Amended): A user programmable system for routing telephonic traffic in a communications network comprising:

a network server connectable to a data network wherein the communications server is further configured to communicate with a service control point (SCP) in a telephonic network, said network server including:

sub  
D-1  
a subscriber ~~information~~ profile database accessible by the SCP so as to provide telephonic routing information in response to a detected ~~attempt to connect with~~ incoming telephone call to any of a plurality destination addresses selected by a system ~~usersubscriber, at the SCP;~~ and

at least one interactive screen display presentable to system users accessing the network server over the data network wherein the interactive screen displays are configured such that the system users may establish routing instructions for one or more routing addresses based on at least one of: date and time of day a connection is attempted with any of the plurality of destination addresses.

Currently Amended  
29. (Previously Added): The system of Claim ~~21-28~~ wherein the interactive screen displays are interactive pages accessible over the Internet using a commercial web browser.

30. (Previously Added): The system of Claim 28 wherein the one or more destination addresses include at least one of:

home telephone number, work telephone number, wireless telephone number, pager number and IP telephony connection address.

Claim 31 (Cancelled)

32. (Previously Added): The system of Claim 28 wherein the telephonic network is ~~configured as an advanced intelligent network (AIN).~~

33. (Previously Added): The system of Claim 28 wherein the at least one interactive screen display is configured for at least one of:

receiving the one or more destination addresses information;

receiving one or more routing addresses and related information routing for the one or more destination addresses;

receiving additions, deletions, and amendments of the related information ; and

presenting and amending information with regards to pager unavailability.

Claims 34-41 (Cancelled):

42.(Newly Added) A communications information system comprising:

a service control point in communication with the PSTN and a data network, the SCP being configured to receive a destination address for one or more detected incoming telephone calls in the public switched telephone network (PSTN);

a communications server in communication with the data network which includes at least one database storing a plurality of subscriber profiles, the database being configured to be searchable for the subscriber profile associated with the received destination address; and

the communications server being further configured to identify a profile in the subscriber database associated with the received destination address and to further identify routing information for the telephone call associated with the received destination address a selected destination addresses based on subscriber programmed criteria, said routing information being transmittable over the data network to the SCP.

43. (Newly Added) The system of claim 42 wherein the time includes at least one of: time of day and date.

44. (Newly Added) The system of claim 42 wherein data network is the Internet.

45. (Newly Added) The system of claim 42 wherein the routing information includes subscriber destination addresses which are selectable depending on when the incoming call is detected.

46. (Newly Added) The system of claim 45 wherein the subscriber destination addresses include at least one of: home telephone number, work telephone number, cell phone number, pager number, IP telephony connection address.

47. (Newly Added) The system of claim 42 wherein each profile in the database includes at least one of: a date table includes customized routing information for the subscriber based on a particular date, a time of day table which includes the customized routing information based on a particular day and time of day the incoming call is received, and a paging table which includes the customized information relating to the subscriber for receiving pages.

48. (Newly Added) The system of claim 47 wherein SCP is programmable to search the date table, the time of day table, and the pager table in a predetermined order.

49. (Newly Added) The telephone network of claim 42 wherein the routing information is selected based on a provided location of the subscriber.

50. (Newly Added) The system of claim 42 wherein the communications server is further configured to be accessible over the data network by the subscribers in order to access their profile.

51. (Newly Added) A method for establishing a communication connection over a telephone network, comprising:

receiving a destination address for a detected incoming telephone call in the Public Switched Telephone Network (PSTN);

establishing a connection over a data network with a communications server which includes a database of subscriber profiles;

searching the database to identify one of the subscriber profiles associated with the received destination address;

selecting from the identified subscriber profile a subscriber provided routing information based on the time the incoming telephone call was detected; and

transmitting the selected destination address to a switch in the PSTN.

52. (Newly Added) The method of claim 51 wherein the data network is the Internet.

53. (Newly Added) The method of claim 51 wherein the time includes at least one of: time of day and date.

54. (Newly Added) The method of claim 51 wherein the routing information comprises subscriber selected destination addresses.

55. (Newly Added) The method of claim 54 wherein the subscriber selected destination addresses include at least one of: home telephone number, work telephone number, cell phone number, pager number, IP telephony connection address.

56. (Newly Added) The method of claim 55 wherein the time is determined based on a geographic location provided by the subscriber.